

Please type a plus sign (+) inside this box . +

APR 29 2002

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known			
				Application Number	10,079,008		
				Filing Date	February 20, 2002		
				First Named Inventor	Giorgio Trinchieri et al		
				Group Art Unit	1646 1647		
Examiner Name	S. Prasad J. Schavaleyn						
Sheet	1	2	3	4	5	Attorney Docket Number	WST85BU SA

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
JF	AA	5,457,038	B1	G Trinchieri	10/10/1995	<div>RECEIVED</div> <div>MAY 01 2002</div> <div>TECH CENTER 600.2900</div>
	AB	5,571,515	B1	P Scott	11/05/1996	
	AC	5,723,127	B1	P Scott	03/03/1998	
U	AD	5,976,539	B1	P Scott	11/02/1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ²	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	P ³
		Office ⁴	Number ⁵	Kind Code ⁶ if known				
JJ	AL	WO	WO90/05147	A1	G Trinchieri	05/17/1990		
JJ	AM	WO	WO94/01139	A1	F Ledley	01/20/1994		

Examiner Signature	<i>S. Prasad</i>	Date Considered	1/14/05
--------------------	------------------	-----------------	---------

* EXAMINER: Indicate reference considered whether or not citation is in conformance with MPEP 2109. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Indicate citation designation number. (See attached kinds of U.S. Patent Documents.) Enter Office that issued the document by the two-letter code (WIPO Standard S1.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ² Kind of document by the appropriate symbol as indicated in the document under WIPO Standard S1.3. If possible, ³ Applicant is to place a check mark here if English language translation is attached.

COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box . +

APR 29 2002

PROBATION

Substantiated in 14-AP-0 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number 10079,068	
				Filing Date February 20, 2002	
				First Named Inventor Giorgio Trinchieri	
				On Day Art Unit 1646-1647	
				Examiner Name S. Prasad J. Seharaseyon	
				Attorney Docket Number WST85BU5A	
Sheet	2	of	5		

RECEIVED
MAY 01 2002
JED CENTER 600-2800

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published	P	
JJ	AR	E VOEST et al. "Inhibition of Angiogenesis in Vivo by Interleukin 12", J Natl. Cancer Inst , 87 5813 (April 19, 1995)		
	AS	A D'ANDREA et al. "Production of Natural Killer Cell Stimulatory Factor (Interleukin 12) by Peripheral Blood Mononuclear Cells", J. Exp. Med., 176 1387 (November, 1992)		
	AT	G TRINCHIERI, "Interleukin-12 A Proinflammatory Cytokine with Immunoregulatory Function that Bridge Innate Resistance and Antigen-Specific Adaptive Immunity", Annu Rev Immunol , 13 251 (1995)		
	AU	M BRUNDA, "Role of IL-12 as an Anti-tumour Agent Current Status and Future Directions", Res Immun , 146 622 (September-October, 1995)		
	AV	R GAZZINELLI et al. "Interleukin-12 is Required for the T-lymphocyte-Independent Induction of Interferon γ by an Intracellular Parasite and Induces Resistance in T-cell-deficient Hosts", Proc Natl Acad Sci USA, 90 6115 (July, 1993)		
	AW	G MULLER et al. "IL-12 as Mediator and Adjuvant for the Induction of Contact Sensitivity in Vivo", J Immunol , 155 4661 (November 15, 1995)		
	AX	C SGADARI et al. "Inhibition of Angiogenesis by Interleukin-12 is Mediated by the Interferon-Inducible Protein 10", Blood, 87 3877 (May 1, 1996)		
	AY	F HEINZEL et al. "Recombinant Interleukin 12 Cures Mice Infected with Leishmania Major", J Exp Med , 177 1505 (May, 1993)		
	AZ	C COUGHLIN et al. "The Effect of Interleukin 12 Desensitization on the Antitumor Efficacy of Recombinant Interleukin 12", Cancer Res , 57 2460 (June 15, 1997)		

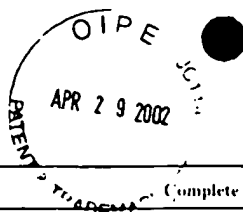
Examiner Signature	<i>G. Seharaseyon</i>	Date Considered	1/14/05
--------------------	-----------------------	-----------------	---------

* EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP P. 1. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant's name. Place a check mark here if English language translation is attached.

COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box +



FILED IN 100

Substituted Form 144-CAP (1) INFORMATION DISCLOSURE STATEMENT BY APPLICANT Use as many sheets as necessary.			Complete if Known		
			Application Number	10 079,068	
			Filing Date	February 20, 2002	
			First Named Inventor	Giorgio Trinchieri	
			Group Art Unit	4616-1647	
			Examiner Name	S. Prasad - J. Scharfman	
Sheet	3	4	5	Attorney Docket Number	WST85BUSA

RECEIVED

MAY 01 2002

REC-CENTER 1600:2900

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	
JS	AAR	J. ORANGE et al. "Effects of IL-12 on the Response and Susceptibility to Experimental Viral Infections", J. Immunol., 152:1253 (February 1, 1994)	
	AAS	J. COHEN, "IL-12 Deaths: Explanation and a Puzzle", Science, 270:908 (November 10, 1995)	
	AAT	C. COUGHLIN et al. "Interleukin-12 and Interleukin-18 Synergistically Induce Murine Tumor Regression which Involves Inhibition of Angiogenesis", J. Clin. Invest., 101:1441 (March 15, 1998)	
	AAU	M. ATKINS et al. "Phase I Evaluation of Intravenous Recombinant Human Interleukin 12 in Patients with Advanced Malignancies", Clin. Cancer Res., 3:409 (March, 1997)	
	AAV	H. KURZAWA et al. "Recombinant Interleukin-12 Enhances Cellular Immune Responses to Vaccination only after a Period of Suppression", Cancer Res., 58:491 (February 1, 1998)	
	AAW	Y. NOGUCHI et al. "Influence of Interleukin 12 on p53 Peptide Vaccination Against Established Meth A Sarcoma", Proc. Natl. Acad. Sci. USA, 92:2219 (March, 1995)	
	AAX	M. KOBAYASHI et al. "Identification and Purification of Natural Killer Cell Stimulatory Factor (NKSF), a Cytokine with Multiple Biologic Effects on Human Lymphocytes", J. Exp. Med., 170:827-845 (September, 1989)	
a	AAZ	C. HUNTER et al. "Studies on the Role of Interleukin-12 in Acute Murine Toxoplasmosis", Immunol., 84:16 (January, 1995)	

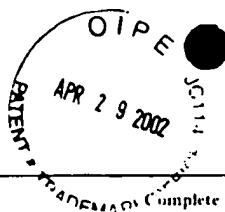
Examiner Signature		Date Considered	1/14/02
--------------------	--	-----------------	---------

* EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 900. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique citation designation number. Applicant is to place a check mark here if English language translation is attached.

COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box . +



PLOSH AB 800

Substituted Form 144-A PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Use as many sheets as necessary.		Complete if Known			
		Application Number	10 079,068		
		Filing Date	February 20, 2002		
		First Named Inventor	Giorgio Trinchieri et al		
		Group Art Unit	1646 1647		
Examiner Name	S. Prasad J. Schorasey				
Sheet	4	of	5	Attorney Docket Number	WST85BUSA

RECEIVED

MAY 01 2002

TECH CENTER 1600:29

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiners Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	12
JS	AAZ	S. GREGORY et al, "Reactive Nitrogen Intermediates Suppress the Primary Immunologic Response to Listeria", J. Immunol, 150 2901 (April 1, 1993)	
	BR	M. SCHWACHA et al, "Interleukin-12 is Critical for Induction of Nitric Oxide-Mediated Immunosuppression Following Vaccination of Mice with Attenuated Salmonella typhimurium", Infection and Immunity, 65 4897 (December, 1997)	
	BS	R. FERNANDEZ-GOMEZ et al, "Trypanosoma cruzi Tc52 Released Protein-Induced Increased Expression of Nitric Oxide Synthase and Nitric Oxide Production by Macrophages", J. Immunol, 160 3471 (April 1, 1998)	
	BT	E. CANDOLFI et al, "Mitogen- and Antigen-Specific Proliferation of T Cells in Murine Toxoplasmosis is Inhibited by Reactive Nitrogen Intermediates", Infection and Immunity, 62 1995 (May, 1994)	
	BU	K. FECHO et al, "Macrophage-Derived Nitric Oxide is Involved in the Depressed Concanavalin A Responsiveness of Splenic Lymphocytes from Rats Administered Morphine in Vivo", J. Immunol, 152 5845 (June 15, 1994)	
	BV	J. MACMICKING et al, "Nitric Oxide and Macrophage Function", Annu. Rev. Immunol, 15 323 (1997)	
	BW	A. KOMAROV et al, "Iron Potentiates Nitric Oxide Scavenging by Dithiocarbamates in Tissue of Septic Shock Mice", Biochim. Biophys. Acta, 1361(3) 229-234 (October 24, 1997)	
	BX	M. IKEDA et al, "Nitric Oxide Inhibits Intracellular Adhesion Molecule-1 Expression in Rat Mesangial Cells", J. Am. Soc. Nephrol, 7(10) 2213-2218 (October, 1996)	

Examiner Signature		Date Considered	1/14/05
--------------------	--	-----------------	---------

* EXAMINER Initials: reference is considered whether or not the information with MPEP 2109. Draw line through citation if not considered and not considered. Include copy of this form with next communication to applicant.

* Single citation: reference is considered. * Applicant to place a check mark here if English language translation is attached.

COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box +

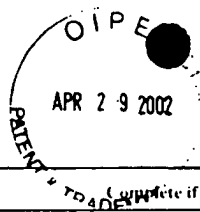


FIGURE SHEET

Substantiated by 144-AF10 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Use as many sheets as necessary				<div style="text-align: right; font-size: small;">(Complete if known)</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10 079,068</td> </tr> <tr> <td>Filing Date</td> <td>February 20, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Giorgio Trinchieri et al</td> </tr> <tr> <td>Group Art Unit</td> <td>1646-1697</td> </tr> <tr> <td>Examiner Name</td> <td>S. Prasad J. Schor</td> </tr> <tr> <td>Attorney Docket Number</td> <td>WST85BU SA</td> </tr> </table>		Application Number	10 079,068	Filing Date	February 20, 2002	First Named Inventor	Giorgio Trinchieri et al	Group Art Unit	1646-1697	Examiner Name	S. Prasad J. Schor	Attorney Docket Number	WST85BU SA
Application Number	10 079,068																
Filing Date	February 20, 2002																
First Named Inventor	Giorgio Trinchieri et al																
Group Art Unit	1646-1697																
Examiner Name	S. Prasad J. Schor																
Attorney Docket Number	WST85BU SA																
Sheet	5	of	5														

RECEIVED
MAY 01 2002
TECH CENTER 1600:2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city, and/or country where published	T ²
B	BY	A HUGHES et al, "Effect of Reactive Oxygen Species on Endothelin-1 Production by Human Mesangial Cells", Kidney Int., 49(1) 181-189 (January, 1996)	
B	BZ	G TRINCHIERI, "Interleukin-12: A Cytokine by Antigen-Presenting Cells with Immunoregulatory Functions in the Generation of T-Helper Cells Type 1 and Cytotoxic Lymphocytes", Blood, 84, 4008 (December 15, 1994)	
B	BBR	F LIEW et al, "Cytokines and Nitric Oxide as Effector Molecules Against Parasitic Infections", Phil Trans R Soc Lond B, 352 1311-1315 (1997)	

Examiner Signature:	Date Considered: 1/14/05
---------------------	--------------------------

* EXAMINER Initials: reference considered whether or not citation is in conformance with MPEP § 901. Draw line through citation if not in conformance and not considered. Include a cross mark with next communication to applicant.

¹ unique citation designation number. Applicant is to place a cross mark here if English language translation is attached.

**COPY OF PAPERS
ORIGINALLY FILED**